Bureau of Land Management



Amarillo Field Office **Helium Operations**







Distribution:

Fluid Minerals Group Manager, Washington Office

NMSO, New Mexico State Director NMSO, Associate State Director

NMSO, Petroleum Engineer Field Manager, Amarillo Field Office

Assistant Field Managers (3)

Team Leaders

- -Federal Leased Lands
- -Resources Evaluation & Gas Analysis
- -Division Of Helium Operations, -**Engineering and Technical Support**

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Amarillo, Texas

Issued: September 20, 2010

* Revised *

"Please Note: Data in this report is accurate as of print date; however all data is subject to change."

Nelson R. Bullard /s/ 09/20/2010 Approved for distribution: Date:

Helium Enrichment Unit Operations	Mor	nth			
Gas Processed	Gross Volume	Net Helium	Average Percent	Gross FYTD	Net FYTD
Measured Plant Feed (Mcf*, `	604,734	148,449	24.55%	5,262,312	1,288,461
Helium Product (Mcf*)	188,763	148,320	78.57%	1,637,896	1,279,103
Residue Natural Gas (Mcf*)	268,494	0	00.00%	2,373,963	C
Gas Processed			F	Month	FYTI
Gas Processed Natural Gas Sales (Mcf***)				Month 266,663	
Natural Gas & Liquids Produced Gas Processed Natural Gas Sales (Mcf***) NGL Sales (gallons)					FYTI 2,362,47 766,91
Gas Processed Natural Gas Sales (Mcf***)				266,663	2,362,47
Gas Processed Natural Gas Sales (Mcf***) NGL Sales (gallons)	Mor	nth		266,663	2,362,47
Gas Processed Natural Gas Sales (Mcf***) NGL Sales (gallons) *** Volumes in Mcf at 14.73 psia & 60°F	Mor Gross Volume	nth Net Helium	Average Percent	266,663	2,362,47
Gas Processed Natural Gas Sales (Mcf***) NGL Sales (gallons) *** Volumes in Mcf at 14.73 psia & 60°F Bush Dome Reservoir Operations			Average Percent 25.86%	266,663 91,833	2,362,47 766,91
Gas Processed Natural Gas Sales (Mcf***) NGL Sales (gallons) *** Volumes in Mcf at 14.73 psia & 60°F Bush Dome Reservoir Operations Conservation gases from all sources	Gross Volume	Net Helium		266,663 91,833 Gross FYTD	2,362,47 766,91 Net FYTE

Storage Operations

Conservation Helium	Month	FYTD	CYTD	Cumulative
Open Market Sale Volumes (Mcf*)	130,000	955,000	655,000	10,518,600
Conservation Helium in Storage (EOM) (Mcf*)	16,997,250			

^{*} Volumes in Mcf at 14.65 psia & 60°F

In Kind Helium	Month	FYTD	CYTD	Cumulative
Sale Volumes Transferred (Mcf*)	6,586	126,301	82,404	2,507,583
Sale Volumes Outstanding (Mcf*)	44,586			

^{*} Volumes in Mcf at 14.65 psia & 60°F

Private Company Helium Storage Contracts	Mo	Annual		
Contact Activity	Gross Volume	Net Helium	Average Percent	Helium FYTD
Crude Acquired (Mcf*)	46,523	31,197	67.06%	372,676
Crude Disposed (Mcf*)	245,330	186,541	76.04%	1,518,578
Net Balance (Mcf*)	(198,807)	(155,344)		(1,145,902)
Balance of Stored Helium End Of Month (Mcf*)		594,587		

^{*} Volumes in Mcf at 14.65 psia & 60°F

Revenue /	Charges
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Helium Storage Contracts (Charges Billed (\$)	Month	FYTD
Storage Fees Billed (\$)	\$324,510	\$2,615,617
Reservoir Management Fees Billed (\$)	\$267,580	\$1,966,074

Field Compressor Charges (Charges Billed (\$)	Month	FYTD
Funded by the Refiners (provides for booster compression services)	(\$56,429)	(\$515,017)
Cliffside Refiners, LP, by Agreement #GDA010003 (reimburses BLM for fuel, labor, supplies, etc.)	<u>\$12,160</u>	<u>\$116,597</u>
Net-Total (Funded by the Refiners for compression costs.)	(\$44,269)	(\$398,420)

Enrichment Unit Charges (Charges Billed (\$)	Month	FYTD
Reservior Management Fees (RMF)	\$267,580	\$1,966,074
Total operating costs	(\$824,478)	(\$7,352,787)
Sub Total - Items provided by BLM	\$336,808	\$2,963,755
Total - Cliffside Refiners. LP. GDA030001	(\$487.670)	(\$4.389.032)

Conservation Helium - Natural Gas - Liquid Sales	(Charges Billed (\$)	Month	FYTD
Open Market Sales		\$22,662,500	\$65,073,750
In Kind Sales		\$2,894,371	\$8,135,093
Natural Gas & Liquid Sales		\$1,345,037	\$12,009,625

Helium Resources Evaluation	Month	FYTD		
Revenue Collected from Federal Lease Holds			\$777,443	\$6,990,578
Helium Sample Collection Report for month	Submitted - 0	Received - 0	Analyzed -	28

Table 2 - Bush Dome Reservoir Operations

June - 2010

	Ī	Gross V	Vithdrawal	Net Helium	n Withdrawal	Nitro	ogen	Met	hane	Ethan	e plus	Other (CC	02, Ar, H2)
		Month	Cumulative	Month	Cumulative	Month	Cumulative	Month	Cumulative	Month	Cumulative	Month	Cumulative
<u>TOTAL</u>		609,055	184,756,209	157,488	32,531,249	<u>151,164</u>	45,388,979	266,686	95,750,668	28,517	9,553,942	5,200	<u>1,531,371</u>
BIVINS A-3	Jun-10	0	10,086,632	0	3,083,333	0	2,553,540	0	3,992,174	0	389,627	0	67,958
BIVINS A-6	Jun-10	26,145	8,247,016	20,453	4,778,352	5,025	2,035,902	486	1,279,740	1	122,838	181	30,183
BIVINS A-13	Jun-10	55,497	5,414,380	26,727	3,248,148	13,850	1,412,583	13,073	657,874	1,445	69,643	402	26,132
BIVINS A-14	Jun-10	59,233	5,972,200	33,084	3,960,156	14,787	1,525,364	9,862	417,142	1,053	42,857	448	26,680
BIVINS A-4	Jun-10	37,823	11,059,110	10,378	1,959,752	9,261	2,678,786	16,099	5,753,592	1,741	570,806	344	96,174
BUSH A-2	Jun-10	37,246	10,230,935	8,192	1,552,467	9,402	2,492,170	17,467	5,541,972	1,920	555,049	264	89,278
Injection	Jun-10	3,237	66,240,889	2,539	47,846,276	619	17,067,782	56	775,688	0	23	22	551,121
inj Bivins A-3	Jun-10	0	(25,652,315)	0	(18,384,452)	0	(6,554,549)	0	(332,777)	0	0	0	(380,537)
inj Bivins A-6	Jun-10	(3,237)	(24,201,365)	(2,539)	(17,514,139)	(619)	(6,437,517)	(56)	(138,222)	(0)	(12)	(22)	(111,475)
inj Bivins A-13	Jun-10	0	(6,490,417)	0	(4,706,191)	0	(1,656,853)	0	(122,391)	0	(2)	0	(4,980)
inj Bivins A-14	Jun-10	0	(6,501,333)	0	(4,767,421)	0	(1,602,106)	0	(126,303)	0	(7)	0	(5,497)
inj Bivins A-4	Jun-10	0	(2,527,801)	0	(1,848,815)	0	(601,353)	0	(42,016)	0	0	0	(35,617)
inj Bush A-2	Jun-10	0	(867,658)	0	(625,258)	0	(215,406)	0	(13,980)	0	0	0	(13,015)
Production	Jun-10	10,592	1,163,103	8,300	859,179	2,026	249,101	192	43,959	0	2,911	73	7,953
BIVINS A-1	Jun-10	0	2,686,608	0	48,896	0	636,995	0	1,798,415	0	175,704	0	26,597
BIVINS A-2	Jun-10	28,011	12,493,214	1,918	1,809,225	6,675	3,073,806	17,336	6,832,740	1,825	675,529	258	101,914
BIVINS A-5	Jun-10	28,778	13,884,770	7,514	1,595,205	7,313	3,383,949	12,356	7,988,829	1,376	794,639	219	122,149
BIVINS A-7	Jun-10	29,576	10,074,312	10,014	2,227,274	7,695	2,522,747	10,481	4,770,683	1,188	479,379	198	74,228
BIVINS A-9	Jun-10	27,958	8,997,595	579	168,411	7,220	2,196,089	18,035	5,952,162	1,904	597,305	221	83,628
BIVINS A-11	Jun-10	27,538	4,918,060	689	96,346	7,049	1,212,446	17,685	3,233,708	1,866	329,010	250	46,549
BIVINS A-15	Jun-10	36,371	7,859,565	753	395,372	8,615	1,876,570	24,124	5,010,278	2,466	498,876	413	78,469
BIVINS B-1	Jun-10	28,046	6,083,769	1,041	247,147	6,850	1,470,905	17,991	3,910,052	1,881	396,279	284	59,385
BIVINS B-2	Jun-10	27,545	4,792,744	526	89,946	7,048	1,191,545	17,686	3,129,260	1,848	319,723	437	62,269
BUSH A-1	Jun-10	0	5,721,962	0	104,140	0	1,356,677	0	3,830,281	0	374,216	0	56,647
BUSH A-3	Jun-10	31,976	9,877,527	15,721	1,979,905	8,191	2,424,548	6,989	4,897,407	811	488,357	262	87,310
BUSH A-4	Jun-10	23,076	7,072,936	5,106	1,324,102	5,909	1,760,099	10,744	3,576,022	1,178	359,894	138	52,820
BUSH A-5	Jun-10	38,113	13,604,326	12,715	2,923,251	9,718	3,402,202	13,907	6,527,831	1,552	653,445	221	97,598
BUSH A-8	Jun-10	16,408	3,235,694	303	59,232	4,059	777,295	10,694	2,146,745	1,108	214,879	243	37,543
BUSH A-9	Jun-10	0	3,649,337	0	94,042	0	877,071	0	2,406,011	0	239,027	0	33,186
BUSH A-11	Jun-10	21,968	3,662,851	751	107,416	5,273	875,208	14,197	2,397,120	1,475	242,299	272	40,809
BUSH B-1	Jun-10	346	3,138,561	6	58,937	84	744,342	228	2,098,457	24	205,996	3	30,829
FUQUA A-1	Jun-10	0	2,954,072	0	53,853	0	702,792	0	1,975,157	0	193,571	0	28,699
FUQUA A-2	Jun-10	0	132,119	0	2,404	0	31,322	0	88,458	0	8,637	0	1,297
FUQUA A-3	Jun-10	27,400	8,905,915	1,019	563,939	7,138	2,174,028	17,246	5,538,557	1,855	556,352	143	73,039
TT Fuel	Jun-10	366	0	4	0	59	0	265	0	36	0	2	0
	fie	ld-wide pcts		25.86%	17.61%	24.82%	24.57%	43.79%	51.83%	4.68%	5.17%	0.85%	0.83%

est z-factor 0.980

	noid mac polo	20.0070		202 /0	2.1.07,0	
Latest estimates	s of reserves and feed to HEU		Based on NITEC's inte		•	
As of EOM	Jun-10	Volumes in BCF		op o	•	
Initial Gas In Pla	ace	330.040				
Produced 1924	to 1961	48.830				
Injected 1924 to	1961	0.450				
Remaining Gas	In Place 1961	281.660				
Left Behind Pipe	e, 1961	82.060	====>	1.500	BCF of contained helium	
Remaining in Pl	ace, 1961	199.600				
Gas In Place 19	61	199.600				
Produced 1961	to July 2002	82.450				
Injected 1961 to	July 2002	64.510	N	let Helium		
Remaining Gas	In Place July 2002	181.660		33.997		
Produced July 2	2002 through Dec 2002	1.096		0.743		
Production 2003	3 - 08	48.814		11.109		
Injection 2003 -	08	(1.100)		(0.614)		
Produced to Dat	te 2009	3.563		3.082		
Injected to Date	2009	(0.089)		(0.369)		
Amount of Raw	Gas Available to CHEU	129.376	====>	20.046	total helium in reservoir	
Estimated Botto	m Hole Pressure	476.308				

* All volumes on Table 2 are reported in Mcf at 14.65 psia & 60°F

Table 3 - Gas Volumes & Inventory

June - 2010

Crude Helium Enrichment Unit Operations

		Gross W	/ithdrawal	Net Helium	n Withdrawal	Nitr	ogen	Met	hane	Ethar	ne plus	Other (CC	O2, Ar, H2)
		Month	Cumulative	Month	Cumulative	Month	Cumulative	Month	Cumulative	Month	Cumulative	Month	Cumulative
Measured Feed	Jun-10	604,734	49,851,875	148,449	12,548,565	150,673	12,533,263	271,544	22,002,564	28,871	2,345,633	5,197	421,850
Calculated Feed	Jun-10	598,097	49,629,668	149,184	12,556,999	149,079	12,479,191	266,229	21,839,299	28,481	2,333,909	5,125	420,271
Feed to Box	Jun-10	594,321	49,336,081	149,184	12,557,178	149,079	12,479,273	266,229	21,839,345	28,481	2,333,915	1,349	126,370
Cheu Product	Jun-10	188,763	15,771,395	148,320	12,371,364	35,600	2,983,687	3,538	306,742	2	342	1,303	109,261
Residue	Jun-10	268,494	21,954,670	0	1,287	7,401	542,598	237,712	19,463,950	23,382	1,945,607	0	1,228
Cold Box Vent	Jun-10	97,421	8,702,525	210	82,883	89,350	7,571,421	7,834	988,091	0	137	27	59,993
Flare/Boot Strap	Jun-10	0	807,377	0	42,077	0	322,252	0	347,177	0	90,678	0	5,193
Fuel From Cheu	Jun-10	8,051	709,276	0	245	274	20,833	6,515	575,356	1,262	112,842	0	0
Shrinkage/Loss	Jun-10	3,834	179,224	0	0	0	0	0	0	3,834	179,224	0	0
Unaccounted*	Jun-10	27,759	1,240,556	654	56,499	16,454	1,051,531	10,630	129,786	(0)	1,083	19	1,657

*Before October 2004, the values are estimated

Storage Operations

Inventory	(contained	helium)
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net acceptances + 0 0 redeliveries 0 (155,344) In Kind Transfers (6,586) 6,586 Open Market Sales (130,000) 130,000 Gain/loss (5,718) 594,587 Ending Inventory 16,997,250 594,587 Total Helium in Reservoir 20,045,527 Total Helium in Storage 17,591,837 Helium in native gas 2,453,690	Beginning inventory	17,139,553	613,345
In Kind Transfers (6,586) 6,586 Open Market Sales (130,000) 130,000 Gain/loss (5,718) Ending Inventory 16,997,250 594,587 Total Helium in Reservoir 20,045,527 Total Helium in Storage 17,591,837	net acceptances +	0	0
Open Market Sales (130,000) 130,000 Gain/loss (5,718) 594,587 Ending Inventory 16,997,250 594,587 Total Helium in Reservoir 20,045,527 70tal Helium in Storage 17,591,837	redeliveries	0	(155,344)
Gain/loss (5,718) Ending Inventory 16,997,250 594,587 Total Helium in Reservoir 20,045,527 Total Helium in Storage 17,591,837	In Kind Transfers	(6,586)	6,586
Ending Inventory 16,997,250 594,587 Total Helium in Reservoir 20,045,527 Total Helium in Storage 17,591,837	Open Market Sales	(130,000)	130,000
Total Helium in Reservoir 20,045,527 Total Helium in Storage 17,591,837	Gain/loss	(5,718)	
Total Helium in Storage 17,591,837	Ending Inventory	16,997,250	594,587
Total Helium in Storage 17,591,837			
, ,	Total Helium in Reservoir	20,045,527	
Helium in native gas 2,453,690	Total Helium in Storage	17,591,837	
	Helium in native gas	2,453,690	

Crude Helium Pipeline

Private

Government

_	Gross	Net Helium	Percent
Beginning inventory	46,125	35,036	75.96%
Measured to Pipeline (Private Plants)	46,628	31,243	67.00%
Measured from Pipeline (Private Plant:	245,435	186,541	76.00%
HEU Production	188,763	148,320	78.57%
Injection	3,237	2,539	78.45%
Production	10,592	8,300	78.36%
Ending Inventory	36,883	28,101	76.19%
Gain/Loss	(6,553)	(5,718)	
Gain/Loss	(6,553)	(5,718)	ļ

Tuck Trigg Reservoir Operations

	-	_	Since Field	
Native Gas (Gross)	Month	Fiscal Year	Discovery	
Total in place, beg. of period	5,198,688	5,198,688	5,890,000	
Recoverable in place, beg. of period	4,528,688	4,528,688	5,220,000	
Production during period to date	0	0	691,312	
Total in place, end of month	5,198,688	5,198,688	5,198,688	
Recoverable in place, end of month	4,528,688	4,528,688	4,528,688	

^{*} All volumes on Table 3 are reported in Mcf at 14.65 psia & 60°F

	N14 O 4 #			A: = #	D05+	04 5 1	0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 10 1	01	D:II 1 (4) ++
la Kia dillalian	NASA*	Navy*	Army*	Air Force*	DOE*	Other Fed*	Subtotal*	In Kind+	Charges	Billed (\$)**
In Kind Heliun										
AirGas South West	t, Contract no	o. INC98-0101							(billed quarterly)
FYTD										
AirGas North Cent	ral, Contract	no. INC98-010	2							
Month	,									
FYTD										
AirGas Intermount	ain, Contract	no. INC98-010)3							
Month FYTD										
Air Liquide Helium	America. Inc	Contract no	. INC98-	0104						
Month		,								
FYTD										
Air Products, L.P.,	Contract no.	INC98-0105								
Month										
FYTD Linde Gas North A	merica IIC	Contract no 1	NC08-04	106						
Month	anierioa, LLO,	John act no. I	14030-0	100						
FYTD										
Corp Brothers, Inc	., Contract no	o. INC98-0107								
Month										
FYTD			1400							
FIBA Technologies	s, Inc., Contra	act no. INC98-0)108							
FYTD										
General Air Service	e & Supply C	o., Contract no	. INC98	3-0109						
Month										
FYTD	_									
Jack B. Kelley Co.,	, Contract no	. INC98-0110								
Month FYTD										
Portland Welding S	Supply, Conti	ract no. INC98	-0111							
Month			• • • • • • • • • • • • • • • • • • • •							
FYTD										
Praxair, Inc., Contr	ract no. INC98	8-0112								
Month FYTD										
United States Weld	ding Inc. Co.	ntract no INC	98-0112							
Month	g,o., oo		.5 0115							
FYTD										
Matheson Tri-Gas,	Inc., Contrac	t no. INC98-01	114							
Month										
FYTD GT & S, Contract n	O INCOC 044	5								
Month	IO. IINCUU-UTT	J								
FYTD										
Total month	24,169	2,012	3	197	6,129	12,528	45,038	44,342		\$2,894,371
Total FYTD	74,010	5,762	6	1,372	19,513	28,313	128,975	126,983		\$8,135,093
Total CYTD	46,058	3,878	3	394	10,481	23,356	84,170	82,870		\$5,389,059
Cumulative	1,521,846	73,865	230	268,361	342,735	385,249	2,592,287	2,552,094		\$137,722,854
In Kind Transf	fers						Month	FYTD	CYTD	Cumulative
Transferred							6,586	126,301	82,404	2,507,583
Volume outstanding							44,586			

^{*} Volumes in Mcf at 14.7 psia & 70°F

⁺ Volumes in Mcf at 14.65 psia & 60°F

Helium & Natural Gas Sales

Air Liquide Helium America, Inc. 0 4,295 0 350,000 335,000 \$22,665 59,000 350,000 350,000 350,000 350,000 350,000 350,000 350,000 350,000 319,744 350,744 350,000		Award Volume*	Outstanding*	Sales*	Cha	rges Billed (\$)**
Month	Conservation Helium					(billed quarterly)
FYTD 0 0 0 Cumulative 77,000 \$4,258 Air Products, L.P. Company of the product o	Air Liquide Helium America, Inc.					
Cumulative 77,000 \$4,25i Air Products, L.P. Air Products, L.P. Month 0 (350,000) 350,000 \$22,66i FYTD 550,000 0 550,000 \$35,61t Cumulative 4,209,400 4,209,400 \$246,03 Linde Gas North America, LLC Wonth 0 0 0 FYTD 305,000 0 305,000 \$19,74t Cumulative 3,534,000 305,000 \$200,45t Keyes Helium Co., LLC Wonth 0 0 0 Month 0 0 0 0 \$31,75t Matheson Tri-Gas, Inc. Wonth 0 0 0 \$31,75t Matheson Tri-Gas, Inc. Wonth 0 0 0 0 \$31,75t Month 0 0 0 0 0 \$58t \$58t \$58t PYTD 0 0 0 0 0 \$58t \$58t \$58t \$58t <	Month	0	0	0		\$0
Air Products, L.P. Month 0 (350,000) 350,000 \$22,665 FYTD 550,000 0 550,000 \$35,611 Cumulative 4,209,400 4,209,400 \$246,03 Linde Gas North America, LLC 0 0 0 Month 0 0 305,000 \$19,74 Cumulative 3,534,000 305,000 \$200,45 Keves Helium Co., LLC 0 0 0 Month 0 0 0 0 FYTD 0 0 0 0 Cumulative 548,200 548,200 \$31,75 Matheson Tri-Gas, Inc. 0 0 0 0 FYTD 0 0 0 0 548,200 \$31,75 Month 0 0 0 0 0 0 548,200 \$31,75 Praxair, Inc. 0 0 0 0 0 0 \$31,75 Month 0 0	FYTD	0	0	0		\$0
Month	Cumulative	77,000		77,000		\$4,258,500
FYTD 550,000 0 550,000 \$35,612 Cumulative 4,209,400 4,209,400 \$246,03 Linde Gas North America, LLC Wonth 0 0 0 FYTD 305,000 0 305,000 \$19,74 Cumulative 3,534,000 3,534,000 \$200,45 Keves Helium Co., LLC Wonth 0 0 0 FYTD 0 0 0 0 FYTD 0 0 0 0 FYTD 0 0 0 0 Month 0 0 0 0 FYTD 0 0 0 0 FYTD 0 0 0 0 FYTD 0 0 0 0 Cumulative 10,000 10,000 \$586 Praxair, Inc. 0 0 0 0 Worth 0 0 150,000 \$9,771 Cumulative <td< th=""><td>Air Products, L.P.</td><td></td><td></td><td></td><td></td><td></td></td<>	Air Products, L.P.					
Cumulative 4,209,400 4,209,400 \$246,03 Linde Gas North America, LLC 0 0 0 0 FYTD 305,000 0 305,000 \$19,748 Cumulative 3,534,000 3,534,000 \$200,458 Keves Helium Co., LLC 0 0 0 0 Month 0 0 0 0 0 FYTD 0 0 0 0 \$31,758 Matheson Tri-Gas, Inc. 0 0 0 0 0 0 548,200 \$31,758 Month 0 0 0 0 0 0 0 \$31,758 Matheson Tri-Gas, Inc. 0 0 0 0 0 0 0 \$581 97,750 0 0 0 \$581 97,770 \$581 97,770 \$581 97,771 \$581 97,771 \$581 97,771 \$581 97,771 \$581 97,771 \$581 97,771 \$581	Month	0	(350,000)	350,000		\$22,662,500
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Month 0 0 0 FYTD 305,000 0 305,000 \$19,748 Cumulative 3.534,000 3,534,000 \$200,45 Keyes Helium Co., LLC Windlester 0 0 0 Month 0 0 0 0 FYTD 0 0 0 0 Cumulative 548,200 \$31,758 548,200 \$31,758 Matheson Tri-Gas, Inc. 0 0 0 0 FYTD 0 0 0 0 0 Eyrasair, Inc. 0 0 0 0 \$588 Praxair, Inc. 0 0 0 0 \$9,771 \$5,000 \$9,771 \$5,000 \$9,771 \$5,000 \$9,771 \$5,000 \$9,771 \$5,000 \$9,771 \$5,000 \$9,771 \$5,000 \$5,000 \$9,771 \$5,000 \$5,000 \$9,771 \$5,000 \$5,000 \$5,000 \$5,000 \$5,000 \$5,000 \$5,000	Cumulative	4,209,400		4,209,400		\$246,031,750
FYTD 305,000 0 305,000 \$19,744 Cumulative 3,534,000 \$200,45 Keyes Helium Co., LLC 0 0 0 0 Month 0 0 0 0 0 FYTD 0 0 0 \$31,750 0 0 \$31,750 Matheson Tri-Gas. Inc. 0 0 0 0 0 0 0 \$31,750 0 0 0 \$31,750 0 0 0 \$31,750 0 0 0 \$31,750 0 0 0 \$31,750 0 0 0 0 \$31,750 0 0 0 0 0 0 0 \$31,750 0	Linde Gas North America, LLC					
Cumulative 3,534,000 3,534,000 \$200,45 Keyes Helium Co., LLC 0 0 0 0 FYTD 0 0 0 0 Cumulative 548,200 \$31,750 Matheson Tri-Gas, Inc. 0 0 0 Month 0 0 0 0 FYTD 0 0 0 0 558 Praxair, Inc. 0 0 0 0 \$580 \$771 0 0 0 \$771 0 0 \$771 0 0 0 \$771 0 0 0 \$771 0 0 0 0 0 \$771 0 0 0 0 0 0 0 \$771 0 0 0 0 0 \$771 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <t< th=""><td>Month</td><td>0</td><td>0</td><td>0</td><td></td><td>\$0</td></t<>	Month	0	0	0		\$0
Keyes Helium Co., LLC Month 0 0 0 FYTD 0 0 0 0 Cumulative 548,200 548,200 \$31,759 Matheson Tri-Gas, Inc. 0 0 0 Month 0 0 0 0 FYTD 0 0 0 0 0 Cumulative 10,000 0 0 0 \$589 0 0 0 \$589 0 0 0 \$589 0 <td< th=""><td>FYTD</td><td>305,000</td><td>0</td><td>305,000</td><td></td><td>\$19,748,750</td></td<>	FYTD	305,000	0	305,000		\$19,748,750
Month 0 0 0 FYTD 0 0 0 Cumulative 548,200 548,200 \$31,759 Matheson Tri-Gas, Inc. State of the	Cumulative	3,534,000		3,534,000		\$200,451,250
FYTD 0 0 0 Cumulative 548,200 \$31,755 Matheson Tri-Gas, Inc. 0 0 0 Month 0 0 0 0 FYTD 0 0 0 0 Cumulative 150,000 0 150,000 \$9,712 Cumulative 2,290,000 2,290,000 \$130,652 Linde Gas, LLC discontinued 10 2008 0 0 0 Month 0 0 0 0 FYTD 0 0 0 0 Cumulative 200,000 200,000 \$11,033 Total month 0 (350,000) 350,000 \$22,663 Total FYTD 1,005,000 0 1,005,000 \$65,073 Total CYTD 780,000 780,000 \$50,500 Cumulative 10,868,600 10,868,600 \$627,774	Keyes Helium Co., LLC					
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Cumulative 10,000 \$58 Praxair, Inc. Month 0 0 0 FYTD 150,000 0 150,000 \$9,712 Cumulative 2,290,000 2,290,000 \$133,652 Linde Gas, LLC discontinued 10 2008 0 0 0 Month 0 0 0 0 FYTD 0 0 0 0 Cumulative 200,000 200,000 \$11,03 Total month 0 (350,000) 350,000 \$22,66 Total FYTD 1,005,000 0 1,005,000 \$65,07 Total CYTD 780,000 780,000 \$50,506 Cumulative 10,868,600 10,868,600 \$627,776	Month	0	0	0		\$0
Praxair, Inc. Month 0 0 0 FYTD 150,000 0 150,000 \$9,712 Cumulative 2,290,000 2,290,000 \$133,652 Linde Gas, LLC discontinued 10 2008 0 0 0 Month 0 0 0 0 FYTD 0 0 0 0 Cumulative 200,000 200,000 \$11,032 Total month 0 (350,000) 350,000 \$22,662 Total FYTD 1,005,000 0 1,005,000 \$65,073 Total CYTD 780,000 780,000 \$50,502 Cumulative 10,868,600 10,868,600 \$627,776	FYTD	0	0	0		\$0
Month 0 0 0 FYTD 150,000 0 150,000 \$9,712 Cumulative 2,290,000 2,290,000 \$133,652 Linde Gas, LLC discontinued 10 2008 0 0 0 Month 0 0 0 0 FYTD 0 0 0 0 Cumulative 200,000 200,000 \$11,032 Total month 0 (350,000) 350,000 \$22,666 Total FYTD 1,005,000 0 1,005,000 \$65,077 Total CYTD 780,000 780,000 \$50,506 Cumulative 10,868,600 10,868,600 \$627,776	Cumulative	10,000		10,000		\$587,500
FYTD 150,000 0 150,000 \$9,712 Cumulative 2,290,000 \$133,652 Linde Gas, LLC discontinued 10 2008 0 0 0 0 Month 0 </th <td>Praxair, Inc.</td> <td></td> <td></td> <td></td> <td></td> <td></td>	Praxair, Inc.					
Cumulative 2,290,000 \$133,652 Linde Gas, LLC discontinued 10 2008 0 0 0 Month 0 0 0 0 FYTD 0 0 0 0 Cumulative 200,000 200,000 \$11,03 Total month 0 (350,000) 350,000 \$22,66 Total FYTD 1,005,000 0 1,005,000 \$65,07 Total CYTD 780,000 780,000 \$50,50 Cumulative 10,868,600 10,868,600 \$627,77	Month	0	0	0		\$0
Linde Gas, LLC discontinued 10 2008 0 0 0 0 Month 0 0 0 0 FYTD 0 0 0 0 Cumulative 200,000 200,000 \$11,03 Total month 0 (350,000) 350,000 \$22,66 Total FYTD 1,005,000 0 1,005,000 \$65,07 Total CYTD 780,000 780,000 \$50,50 Cumulative 10,868,600 10,868,600 \$627,77	FYTD	150,000	0	150,000		\$9,712,500
Month 0 0 0 FYTD 0 0 0 Cumulative 200,000 200,000 \$11,03 Total month 0 (350,000) 350,000 \$22,66 Total FYTD 1,005,000 0 1,005,000 \$65,07 Total CYTD 780,000 780,000 \$50,50 Cumulative 10,868,600 10,868,600 \$627,77		2,290,000		2,290,000		\$133,652,500
FYTD 0 0 0 Cumulative 200,000 200,000 \$11,03 Total month 0 (350,000) 350,000 \$22,66 Total FYTD 1,005,000 0 1,005,000 \$65,07 Total CYTD 780,000 780,000 \$50,50 Cumulative 10,868,600 10,868,600 \$627,776	Linde Gas, LLC discontinued 10 2008					
Cumulative 200,000 200,000 \$11,03 Total month 0 (350,000) 350,000 \$22,66 Total FYTD 1,005,000 0 1,005,000 \$65,07 Total CYTD 780,000 780,000 \$50,50 Cumulative 10,868,600 10,868,600 \$627,77	Month	0	0	0		\$0
Total month 0 (350,000) 350,000 \$22,66 Total FYTD 1,005,000 0 1,005,000 \$65,07 Total CYTD 780,000 780,000 780,000 \$50,50 Cumulative 10,868,600 10,868,600 \$627,776	FYTD	0	0	0		\$0
Total FYTD 1,005,000 0 1,005,000 \$65,073 Total CYTD 780,000 780,000 \$50,508 Cumulative 10,868,600 10,868,600 \$627,776	Cumulative	200,000		200,000	\$11,035,00	
Total CYTD 780,000 780,000 \$50,500 Cumulative 10,868,600 10,868,600 \$627,770	Total month	0	(350,000)	350,000		\$22,662,500
Cumulative 10,868,600 10,868,600 \$627,770		1,005,000	0	1,005,000	\$65,073,750	
1,200,000		1 ' 1		· · · · · · · · · · · · · · · · · · ·	\$50,505,000	
Open Market Transfers Month FYTD CYTD CUMU		10,868,600		10,868,600		\$627,776,400
The state of the s	Open Market Transfers		Month	FYTD	CYTD	Cumulative
Transferred 130,000 955,000 655,000 10,518	Transferred		130,000	955,000	655,000	10,518,600
Volume outstanding 350,000	Volume outstanding		350,000			

^{*} Volumes in Mcf at 14.65 psia & 60°F

Natural Gas/Liquid Sales

Hatarar Guor Elquia Guico									
	Natural Gas (Mcf)***	NGLs (gal)	Decatherms	Avg Btu Value	Charges Billed (\$)**				
El Paso Natural Gas	<u>.</u> <u>S</u>	Provides Measured F	irm/Interruptible Tran	sportation Services	(billed monthly)				
Month	266,663		291,912	1,095	(\$30,049)				
FYTD	2,362,473		2,586,445	1,095	(\$268,616)				
Cumulative	21,448,348		23,598,330	1,100	(\$2,439,482)				
Minerals Manageme	ent Service	Provides Natural Gas	Marketing Services						
Month					\$0				
FYTD					(\$15,119)				
Cumulative					(\$174,371)				
<u>Tenaska</u>		Purchaser - Natural Gas		\$\$/Unit					
Month			289,035	\$4.368978	\$1,262,788				
FYTD			2,566,205	\$4.388299	\$11,261,275				
Cumulative			23,447,519	\$5.717973	\$133,251,378				
<u>SemCrude</u>		Purchaser - Natural C	Sas Liquids						
Month		91,833	9,868	\$11.380125	\$112,299				
FYTD		766,917	82,003	\$12.585932	\$1,032,084				
Cumulative		5,693,707	607,896	\$11.556520	\$7,025,162				
	Natural Gas (Mcf)***	NGLs (gal)	Purchased (Dth's)	\$\$ Per Unit (\$\$/Dth)	Total (\$\$)				
Total month	266,663	91,833	298,903	\$4.499913	\$1,345,037				
Total FYTD	2,362,473	766,917	2,648,208	\$4.535000	\$12,009,625				
Total CYTD	1,604,050	513,852	1,792,714	\$4.611162	\$8,266,495				
Cumulative	21,448,348	5,693,707	24,055,415	\$5.756857	\$137,662,687				

^{***} Volumes in Mcf at 14.73 psia & 60°F

All Volumes in Mcf at 14.7 psia & 70°F

Revenue Collected From Federal Leaseholds	Month*	FYTD*
Fee Sales & Royalties	\$778,926	\$6,973,014
Natural Gas Royalties (1)	\$728	\$5,167
Natural Gas Rentals	\$0	\$640
Other	\$11,757	<u>\$146,418</u>
Revenue Collected from Federal Lease Holds	\$777,443	\$6,990,578

^{*}Totals do not sum

Helium Analysis and Evaulation	Month	FYTD
Number of Sample Request Letters Sent	0	0
Number of Samples Received	0	0
Number of Samples Analyzed	0	1
Total Number of Samples Analyzed For Resources Division	0	19
Total Number of Other Samples Analyzed (2)	28	237

U. S. Helium Production

Domestic	FY Volume		CY Volume
2003 Helium Sold	4,621,000		4,393,555
2004 Helium Sold	4,675,800		4,692,699
2005 Helium Sold	4,936,900		4,800,782
2006 Helium Sold	4,943,900		4,944,544
2007 Helium Sold	4,941,200		4,965,176
2008 Helium Sold	4,767,400		4,668,286
2009 Helium Sold	4,325,300		4,238,881
Estimated Helium Resources as of 12/31/2006(Mcf)			732,000,000

		FY-2009	CY-2009
U.S. Helium Exports	(3)	2,631,905	2,563,080

- (1) Includes drip gas sales & other miscellaneous gas sales.
- (2) Includes pipeline, field survey, and other requested analyses.
- (3) Data from Department of Commerce Bureau of the Census.

All Volumes in Mct at 14.65 psia & 60°F Metered Gas						Transferred Gas		Ctorod	Chara	es Billed	
	Gross Gas H	lalium %	Helium	eu Gas	Helium		Helium		Stored Helium		\$)**
		Month	Hellulli	FYTD	CYTD	Cumulative	Month Cumulative				FYTD
Total All Contra	cts*										
Crude Acquired	46,523	67.1%	31,197	372,676	221,530	29,405,269	180,223	41,494,158			
Crude Disposed	245,330	76.0%	186,541	1,518,578	1,023,709	39,715,734	43,637	29,110,388		\$324,510	Storage Fees
Grade-A Rdlvrd	0		0	0	0	1,478,718	,,,,,	, ,,,,,,		\$267,580	RMF Fees
Net/Balance	(198,807)		(155,344)	(1,145,902)	(802,179)	(11,789,183)	136,586	12,383,770	594,587	\$592,090	\$4,584,024
Total Prior Cont		NATED)	, ,			, , , ,					. , ,
Crude Acquired		,		0	0	17,406,129	0	18,196,898			
Crude Disposed				0	0	11,830,863	0	19,148,768			
Grade-A Rdlvrd				0	0	1,478,718					
Number of trailers				0	0	9,834			0		
Linde Gas North	h America, LL	C, Contra	ct no. 199	5-3249							
Crude Acquired	ŕ	•									
Crude Disposed											
Net/Balance											
Praxair, Inc., Co	ntract no. 199	95-3251									
Crude Acquired											
Crude Disposed											
Net/Balance											
Air Products, L.	P., Contract n	o. 1995-3	256								
Crude Acquired											
Crude Disposed											
Net/Balance											
ExxonMobil Gas	s Marketing C	o., Contra	ct no. 199	95-3280							
Crude Acquired											
Crude Disposed											
Net/Balance											
Pioneer Natural	Resources U	SA, Inc, C	ontract n	o. 1995-328	6						
Crude Acquired											
Crude Disposed											
Net/Balance											
Keyes Helium C	o., LLC, Cont	ract no. 1	995-3287								
Crude Acquired											
Crude Disposed											
Net/Balance											
Air Liquide Heli	um America, I	nc., Conti	ract no. 20	003-3284							
Crude Acquired											
Crude Disposed											
Net/Balance											
Matheson Tri-G	as, Inc., Contr	ract no. 20	007-3288								
Crude Acquired											
Crude Disposed											
Net/Balance											
Airgas Merchan	it Gases, Cont	tract no. 2	009-3290								
Crude Acquired											
Crude Disposed											
Net/Balance											

Government Helium	
Remaining Crude Acquired beginning of the month	17,139,553
Crude Disposed: In Kind Sales transferred for the month	(6,586)
Open Market/Reserve Sell Down transferred for the month	(130,000)
Gains and Loses for the month	<u>(5,718)</u>
Net/Balance of Purchased Helium Remaining for Sale	16,997,250

^{*}Includes In Kind and Open Market transfers from Government storage

**Rounded to nearest dollar

Field/CHEU Compressor Operations		Month	FYTD	Cumulative
Spot gas fuel price *	\$ per/MMBTU	\$4.37	\$4.40	\$5.71
Fuel used *	total MMBTU	9,565	109,372	1,020,072
Field compressor fuel revenue *	\$dollars	\$1,601	\$11,749	\$648,311
HEU compressor fuel credit *	\$dollars	\$28,525	\$297,942	\$3,084,488
HEU fuel credit *	\$dollars	\$11,673	\$171,866	\$2,093,296
#1 Compressor run time *	hours	203	4,707	58,371
#2 Compressor run time *	hours	469	4,610	39,011
#3 Compressor run time *	hours	579	3,486	28,128

^{*} Field/CHEU Compressor Operations based on Jun 10 activity

Field Compressor Charges Charges Billed (\$)*			(\$)*
Linde Gas North America, LLC, Contract no. 1995-3249			
Praxair, Inc., Contract no. 1995-3251			
Air Products, L.P., Contract no. 1995-3256			
Keyes Helium Co., LLC, Contract no. 1995-3287			
SubTotal - Cliffside Refiners, LP (provides booster compression services)	(\$56,429)	(\$515,017)	(\$7,532,023)
Cliffside Refiners, LP, GDA010003 (BLM provided fuel *, labor, supplies, etc.)	<u>\$12,160</u>	<u>\$116,597</u>	<u>\$1,865,142</u>
Net Total - Cliffside Refiners, LP	(\$44,269)	(\$398,420)	(\$5,666,881)

^{*} BLM provided fuel cost is based on Apr 10 fuel consumed

^{*}Rounded to nearest dollar

Crude Helium Enrichment Unit (CHEU)	Мо	nth	FY	Cumulative	
CHEU Runtime	Runtime Hrs Percent Runtime Hrs Percent				Runtime Hrs
Processing feed gas	706	98.0%	6,446	98.4%	59,548
Producing residue gas	683	94.8%	6,373	97.3%	59,040
Producing helium product	680	94.5%	6,375	97.3%	56,170
Producing natural gas liquids	686	95.2%	6,387	97.5%	54,690

Charges Billed (\$)*			(\$)*
CHEU Charges		FYTD	Cummulative
Reservior Management Fees (RMF)	\$267,580	\$1,966,074	\$15,409,500
Total operating costs	<u>(\$824,478)</u>	(\$7,352,787)	(\$74,631,357)
Labor	\$102,247	\$920,221	\$6,226,930
Compressor fuel cost Apr 10	\$27,288	\$281,894	\$3,077,286
HEU fuel cost Apr 10	\$15,323	\$167,188	\$2,110,391
Electrical power cost Apr 10	\$139,299	\$1,120,594	\$10,999,918
Other	<u>\$52,651</u>	<u>\$473,858</u>	\$7,710,407
Sub Total - Items provided by BLM	\$336,808	\$2,963,755	\$33,334,287
Total - Cliffside Refiners, LP, GDA030001	(\$487,670)	(\$4,389,032)	(\$41,297,070)

*Rounded to nearest dollar

CHEU Utility Usage	Month	FYTD	Cumulative
Cheu Fuel Gas (Mcf) usage Jun 10	2,351	33,936	324,690
Cheu Pure Water Usage (gallons) Jun 10	1,705	11,534	230,031
Electricity Metered (Kwh) consumed Apr 10	2,869,954	25,281,876	192,104,660